

## HASSELBLAD HC 3.5/50

### GENERAL LENS DATA:

Focal length	50.3 mm
Aperture range	3.5 - 32
Angle of view diag/hor/vert	70°/59°/46°
Length/diameter	116 mm/85 mm
Weight	975 g
Filter diameter	77 mm

### CLOSE FOCUS RANGE DATA:

Minimum distance object to film	0.6 m
Maximum image scale	1:8.9
Corresponding area of coverage	50 x 37 cm
Corresponding exposure reduction	0 f-stop



### LENS DESIGN

10 elements in 9 groups

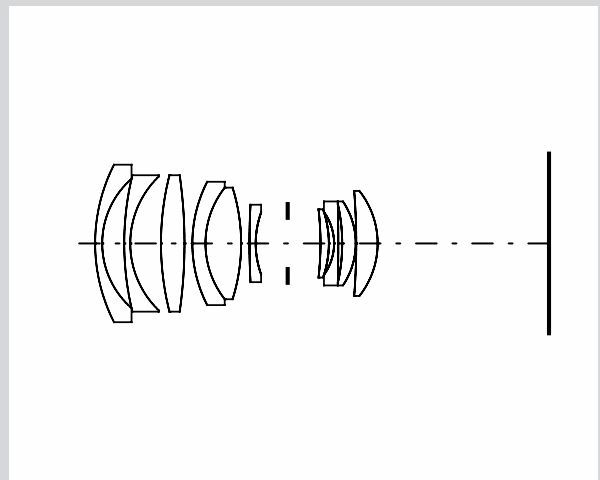
### FOCUS TYPE

Rear focusing

### ENTRANCE PUPIL POSITION

137 mm in front of the film plane  
(at infinite focus setting)

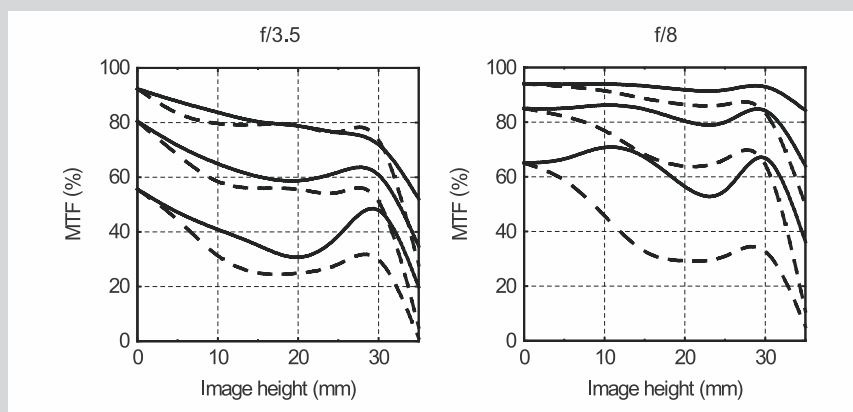
The entrance pupil position is the correct position of the axis of rotation when making a panorama image by combining individual images of a scene.



### MTF

Modulation Transfer as a function of image height at infinite focus setting.

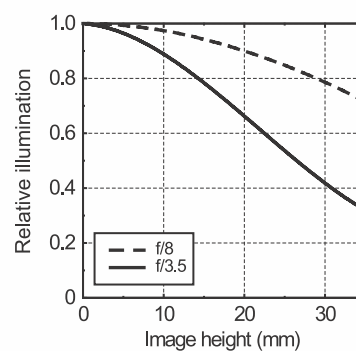
Sagittal slit orientation drawn with continuous line and tangential with dashed. White light. Spatial frequencies 10, 20 and 40 lp/mm



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### RELATIVE ILLUMINATION

Infinity setting



### DISTORTION

Infinity setting

